



Substitute for form 1449A-050

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 7

### Complete if Known

Application Number	10/693,185
Filing Date	October 24, 2003
First Named Inventor	Paul David Metcalfe
Art Unit	3672
Examiner Name	Giovanna M. Collins <i>Tsoj</i>
Attorney Docket Number	CRUI/0007

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
<i>H</i>	A1	988,054	03/28/1911	Wiet	
	A2	1,233,888	07/17/1917	Leonard	
	A3	1,301,285	04/22/1919	Leonard	
	A4	1,880,218	10/04/1932	Simmons	
	A5	1,981,525	11/20/1934	Price	
	A6	2,017,451	10/15/1935	Wickersham	
	A7	2,214,226	09/10/1940	English	
	A8	2,383,214	08/21/1945	Proul, et al.	
	A9	2,424,878	07/29/1947	Crook	
	A10	2,499,630	03/07/1950	Clark	
	A11	2,519,116	08/15/1950	Crake	
	A12	2,627,891	02/10/1953	Clark	
	A13	2,633,374	03/31/1953	Boice	
	A14	3,028,915	04/10/1962	Jennings	
	A15	3,039,530	06/19/1962	Condra	
	A16	3,167,122	01/26/1965	Lang	
	A17	3,179,168	04/20/1965	Vincent	
	A18	3,186,485	06/01/1965	Owen	
	A19	3,191,677	06/29/1965	Kinley	
	A20	3,191,680	06/29/1965	Vincent	
	A21	3,203,451	08/31/1965	Vincent	
	A22	3,203,483	08/31/1965	Vincent	
	A23	3,245,471	04/12/1966	Howard	
	A24	3,297,092	01/10/1967	Jennings	
	A25	3,326,293	06/20/1967	Skipper	

Examiner  
Signature

*Frederick*

Date  
Considered

*3/31/06*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/693,185
		Filing Date	October 24, 2003
		First Named Inventor	Paul David Metcalfe
		Art Unit	3672
		Examiner Name	Giovanna M. Collins <i>TCM</i>
Sheet 2 of 7	Attorney Docket Number	CRUI/0007	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
<i>TCM</i>	A26	3,353,599	11/21/1967	Swift	
	A27	3,354,955	11/28/1967	Berry	
	A28	3,477,506	11/11/1969	Malone	
	A29	3,489,220	01/13/1970	Kinley	
	A30	3,583,200	06/08/1971	Cvijanovic et al.	
	A31	3,669,190	06/13/1972	Sizer et al.	
	A32	3,689,113	09/05/1972	Blaschke	
	A33	3,691,624	09/19/1972	Kinley	
	A34	3,712,376	01/23/1973	Owen et al.	
	A35	3,746,091	07/17/1973	Owen et al.	
	A36	3,776,307	12/04/1973	Young	
	A37	3,780,562	12/25/1973	Kinley	
	A38	3,785,193	01/15/1974	Kinley et al.	
	A39	3,820,370	06/28/1974	Duffy	
	A40	3,948,321	04/06/1976	Owen et al.	
	A41	3,977,076	08/31/1976	Vieira et al.	
	A42	4,319,393	03/16/1982	Pogonowski	
	A43	4,349,050	09/14/1982	Bergstrom et al.	
	A44	4,359,889	11/23/1982	Kelly	
	A45	4,362,324	12/07/1982	Kelly	
	A46	4,382,379	05/10/1983	Kelly	
	A47	4,387,502	06/14/1983	Dom	
<i>TCM</i>	A48	4,407,150	10/04/1983	Kelly	
	A49	4,414,739	11/15/1983	Kelly	
	A50	4,445,201	04/24/1984	Pricer	

Examiner Signature <i>TCM</i>	Date Considered <i>3/31/06</i>
----------------------------------	-----------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/693,185
		Filing Date	October 24, 2003
		First Named Inventor	Paul David Metcalfe
		Art Unit	3672
		Examiner Name	Giovanna M. Gollins <i>TS</i>
Sheet 3 of 7	Attorney Docket Number	CRUI/0007	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
<i>TS</i>	A51	4,450,612	05/29/1984	Kelly	
	A52	4,470,280	09/11/1984	Kelly	
	A53	4,483,399	11/20/1984	Colgate	
	A54	4,487,630	12/11/1984	Crook et al.	
	A55	4,502,308	03/05/1985	Kelly	
	A56	4,505,142	03/19/1985	Kelly	
	A57	4,505,612	03/19/1985	Shelley, Jr.	
	A58	4,567,631	02/04/1986	Kelly	
	A59	4,581,617	04/08/1986	Yoshimoto et al.	
	A60	4,626,129	12/02/1986	Kothmann et al.	
<i>TS</i>	A61	4,807,704	02/28/1989	Hsu et al.	
	A62	4,866,966	09/19/1989	Hagan	
	A63	4,883,121	11/28/1989	Zwart	
	A64	4,976,322	12/11/1990	Abdrakhmanov et al.	
	A65	4,997,320	03/05/1991	Hwang	
	A66	5,014,779	05/14/1991	Meling et al.	
	A67	5,031,699	07/16/1991	Artynov et al.	
	A68	5,052,483	10/01/1991	Hudson	
	A69	5,052,849	10/01/1991	Zwart	
	A70	5,156,209	10/20/1992	McHardy	
<i>TS</i>	A71	5,267,613	12/07/1993	Zwart et al.	
	A72	5,271,472	12/21/1993	Leturno	
	A73	5,301,760	04/12/1994	Graham	
	A74	5,307,879	05/03/1994	Kent	
	A75	5,322,127	06/21/1994	McNair et al.	

Examiner Signature	<i>TS</i>	Date Considered	3/31/06
--------------------	-----------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/693,185
		Filing Date	October 24, 2003
		First Named Inventor	Paul David Metcalfe
		Art Unit	3672
		Examiner Name	Giovanna M. Collins <i>TSCG</i>
Sheet 4 of 7	Attorney Docket Number	CRUI/0007	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
<i>7</i>	A76	5,348,095	09/20/1994	Worrall et al.	
	A77	5,366,012	11/22/1994	Lohbeck	
	A79	5,409,059	04/25/1995	McHardy	
	A80	5,472,057	12/05/1995	Winfree	
	A81	5,520,255	05/28/1996	Barr et al.	
	A82	5,553,679	09/10/1996	Thorp	
	A83	5,560,426	10/01/1996	Trahan et al.	
	A84	5,636,661	06/10/1997	Moyes	
	A85	5,667,011	09/16/1997	Gill et al.	
	A86	5,706,905	01/13/1998	Barr	
<i>7</i>	A87	5,785,120	07/28/1998	Smalley et al.	
	A88	5,887,668	03/30/1999	Haugen et al.	
	A89	5,901,789	05/11/1999	Donnelly et al.	
	A90	5,924,745	07/20/1999	Campbell	
	A91	5,960,895	10/05/1999	Chevallier et al.	
	A92	5,979,571	11/09/1999	Scott et al.	
	A93	5,984,568	11/16/1999	Lohbeck	
	A94	6,012,522	01/11/2000	Donnelly et al.	
	A95	6,012,523	01/11/2000	Campbell et al.	
	A96	6,029,748	02/29/2000	Forsyth et al.	
<i>7</i>	A97	6,050,341	04/18/2000	Metcalf	
	A98	6,070,671	06/06/2000	Cumming et al.	
	A99	6,085,838	07/11/2000	Vercaemer et al.	
	A100	6,112,818	09/05/2000	Campbell	

Examiner Signature	<i>Fracisco</i>	Date Considered	<i>3/31/06</i>
--------------------	-----------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

[illegible]

Examiner Signature	<i>Frank Ewe</i>	Date Considered	<i>3/31/06</i>
-----------------------	------------------	--------------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9189 and select option 2.***

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/693,185
		Filing Date	October 24, 2003
		First Named Inventor	Paul David Metcalfe
		Art Unit	3672
		Examiner Name	Giovanna M. Collins <i>Tong</i>
		Attorney Docket Number	CRUI/0007
Sheet	6	of	7

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
<i>77</i>	B1	DE 3213464 A1	10/13/1983	Reimer		
	B2	DE 4133802 C1	10/22/1992	Hawerkamp		
	B3	EP 0 952 305 A1	04/23/1998	Lohbeck		
	B4	GB 730338	03/26/1954	Hopkins		
	B5	GB 792886	04/13/1956	Huntsinger et al.		
	B6	GB 997721	07/07/1965	Garnier et al.		
	B7	GB 1277461	06/14/1972	Mount		
	B8	GB 1448304	09/02/1976	Des Petroles		
	B9	GB 1457843	12/08/1976	Dresser Industries		
	B10	GB 1582392	01/07/1981	Martin		
	B11	GB 2216926 A	10/18/1989	Habib		
	B12	GB 2322655 A	02/09/1998	Metcalfe		
	B13	GB 2313860 B	06/06/1996	Lee		
	B14	GB 2329918 A	04/07/1999	Wood et al.		
	B15	WO 92/01139	01/23/1992	Nobileau		
	B16	WO 93/24728	12/09/1993	Simpson et al.		
	B17	WO 93/25800	12/23/1993	Lohbeck		
<i>77</i>	B18	WO 94/25655	11/10/1994	Bertet et al.		
	B19	WO 96/01250	18/01/1996	Andersson		
	B20	WO 96/03261	08/02/1996	Simon		
	B21	WO 97/17524	15/05/1997	Donnelly et al.		
	B22	WO 97/21901	06/19/1997	Campbell et al.		

Examiner Signature	<i>Fac / Tong</i>	Date Considered	<i>3/31/06</i>
-----------------------	-------------------	--------------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/693,185
		Filing Date	October 24, 2003
		First Named Inventor	Paul David Metcalfe
		Art Unit	3672
		Examiner Name	Giovanna M. Collins <i>[Signature]</i>
Sheet 7 of 7	Attorney Docket Number	CRUI/0007	

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
<i>[Signature]</i>	B23	WO 98/00626	01/08/1998	Donnelly et al.		
<i>[Signature]</i>	B24	WO 99/02818	21/01/1999	Metcalfe		
<i>[Signature]</i>	B25	WO 99/18328	04/15/1999	Bailey et al.		
<i>[Signature]</i>	B26	WO 99/23354	05/14/1999	Metcalfe		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>[Signature]</i>	C1	Metcalfe, P. - "Expandable Slotted Tubes Offer Well Design Benefits", <i>Petroleum Engineer International</i> , Vol. 69, No. 10 (Oct. 1996), pp. 60-63 - XP000684479.	

Examiner Signature	<i>[Signature]</i>	Date Considered	8/31/06
--------------------	--------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.